

Table of Contents

Executive Summary 1

Introduction 2

North Carolina’s Estuarine Shoreline 3

 Previous Work on Estuarine Shoreline Change 3

Analyzing Shoreline Change 6

Shoreline Change in the Neuse River Estuary 7

Shoreline Stabilization 8

Summary 9

References Cited 10

ACKNOWLEDGEMENTS

The authors would like to thank our collaborators and students who made this work possible: Mark Brinson, Robert Christian, David Kunz, David Lagomasino, Jason Prior, Jeremy Brandsen, Haley Cleckner, Amit Malhotra, Mark Fonseca, and Tom Crawford. This research was funded by the National Ocean and Atmospheric Administration Coastal Ocean Program (NA05 NOS 4781182). Funding for printing and dissemination of this document was provided by a University of North Carolina Research Competitiveness award to East Carolina University.